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BRYN MAWR COLLEGE

Carola Woerishoffer Graduate
Department of Social Economy and
Social Research

ANNOUNCEMENTS

1917

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BRYN MAWR, PENNSYLVANIA
Published by Bryn Mawr College
March, 1917

ADDITIONAL INFORMATION

WITH REGARD TO

FELLOWSHIPS AND SCHOLARSHIPS

CAROLA WOERISHOFFER DEPARTMENT OF SOCIAL
ECONOMY AND SOCIAL RESEARCH
BRYN MAWR COLLEGE

1. *Because of delay in issuing notices and announcements, applications for Fellowships and Scholarships will be received until April 15, 1917.*

2. A Fellowship of the value of *five hundred dollars* and Scholarships of the value of *two hundred dollars* are available each year in the Department of Psychology to students desiring to do their minor work in the Department of Social Economy and Social Research, and their major work in Social Psychology.

Fuller information may be obtained from Professor J. H. Leuba, Bryn Mawr College.

3. The College Settlements Association offers Fellowships ranging in value from \$400 to \$525 to alumnae of Bryn Mawr College, of Smith College, and of Wellesley College who wish to prepare for positions in settlements or community education. The work may be carried on in connection with the College Settlements of Boston, New York and Philadelphia and the neighboring colleges or schools, according to arrangement with the Committee on Awards.

For further information, address Miss Helen Greene, 80 Pinckney Street, Boston, Massachusetts.

4. Opportunity is offered by the College Settlement of Philadelphia for two graduate students to reside at the settlement, paying a nominal rate for board, to take at least six hours of practice work at the settlement, and to pursue courses in the Carola Woerishoffer Department. Applications must be made by June 1, 1917, to the Director of the Department.

ACADEMIC YEAR, 1917-18.

October 1st.	Registration of students. Halls of Residence open for students at three p. m.
October 2nd.	Registration of students.
October 3rd.	The work of the thirty-third academic year begins at a quarter to nine o'clock.
November 28th.	Thanksgiving vacation begins at one o'clock.
December 3rd.	Thanksgiving vacation ends at nine o'clock.
December 19th.	Christmas vacation begins at one o'clock.
January 3rd.	Christmas vacation ends at nine o'clock.
January 23rd.	Half-yearly collegiate examinations begin.
February 2nd.	Collegiate examinations end.
	Annual meeting of the Alumnae Association.
February 4th.	Vacation.
February 5th.	Vacation.
February 6th.	The work of the second semester begins at a quarter to nine o'clock.
March 15th.	Announcement of European Fellowships.
March 27th.	Easter vacation begins at one o'clock.
April 4th.	Easter vacation ends at nine o'clock.
May 22nd.	Vacation.
May 23rd.	Collegiate examinations begin.
June 2nd.	Collegiate examinations end.
June 7th.	Conferring of degrees and close of thirty-second academic year.

ACADEMIC YEAR, 1918-19.

September 30th.	Registration of students. Halls of Residence open for students at three p. m.
October 1st.	Registration of students.
October 2nd.	The work of the thirty-fourth academic year begins at a quarter to nine o'clock.

OFFICERS OF ADMINISTRATION.

ACADEMIC YEAR, 1916-17.

President,

M. CAREY THOMAS, PH.D., LL.D.

Office: Taylor Hall.

Dean of the College,

EUNICE MORGAN SCHENCK, PH.D.

Office: Taylor Hall.

Recording Dean and Assistant to the President,

ISABEL MADDISON, B.Sc., PH.D.

Office: Taylor Hall.

Secretary and Registrar of the College,

EDITH ORLADY,* A.B. Office: Taylor Hall.

Recording Secretary and Acting Secretary and Registrar,

ABIGAIL CAMP DIMON, A.M. Office: Taylor Hall.

ACADEMIC APPOINTMENTS.

1917-18

Carola Woerishoffer Department of Social Economy and Social Research and Allied Departments.

SUSAN MYRA KINGSBURY, PH.D., *Carola Woerishoffer Professor of Social Economy and Director of the Carola Woerishoffer Department of Social Economy and Social Research.*

A.B., College of the Pacific, 1890; A.M., Leland Stanford Jr. University, 1899; Ph.D., Columbia University, 1905. University Fellow, Columbia University, 1902-03; Holder of the European Fellowship of the Women's Education Association, Boston, Mass., 1903-04; Instructor in History, Vassar College, 1904-05; Director of Investigation, Massachusetts Commission on Industrial and Technical Education, 1905-06; Instructor in History and Economics and Head of Departments, Simmons College, 1906-07; Assistant, Associate, and Professor in Economics, Simmons College, and Director of the Department of Research, Women's Educational and Industrial Union, Boston, 1907-15.

JAMES H. LEUBA, PH.D., *Professor of Psychology and Education.*

Neuchâtel, Switzerland. B.S., University of Neuchâtel, 1886; Ph.D., Ursinus College, 1888; Scholar in Psychology, Clark University, 1892-93; Fellow in Psychology, Clark University, 1893-95; Ph.D., Clark University, 1896.

* Granted leave of absence for the year 1916-17.

DAVID HILT TENNENT, PH.D., *Professor of Biology.*

S.B., Olivet College, 1900; Ph.D., Johns Hopkins University, 1904. Fellow, Johns Hopkins University, 1902-04; Bruce Fellow, Johns Hopkins University, 1904.

THEODORE DE LEO DE LAGUNA, PH.D., *Professor of Philosophy.*

A.B., University of California, 1896, and A.M., 1899; Ph.D., Cornell University, 1901. Teacher in the Government Schools of the Philippine Islands, 1901-04; Honorary Fellow and Assistant in Philosophy, Cornell University, 1904-05; Assistant Professor of the Philosophy of Education, University of Michigan, 1905-07.

MARION PARRIS SMITH, PH.D., *Professor of Economics.*

A.B., Bryn Mawr College, 1901, and Ph.D., 1908. Graduate Student, Bryn Mawr College, 1902-05, Fellow in Economics and Politics, 1905-06; Bryn Mawr College Research Fellow and Student in Economics and Politics, University of Vienna, 1906-07.

MATILDE CASTRO, PH.D., *Phebe Anna Thorne Associate Professor (and Professor elect) of Education and Director of the Phebe Anna Thorne Model School.*

A.B., University of Chicago, 1900, and Ph.D., 1907. Fellow in Philosophy, University of Chicago, 1900-01, 1903-04, 1905-06. Principal of the Morris High School, Morris, Ill., 1901-03; Instructor in Philosophy, Mount Holyoke College, 1904-05; Instructor in Philosophy, Vassar College, 1906-09; Professor and Head of the Department of Philosophy, Rockford College, 1910-12.

CLARENCE ERROL FERREE, PH.D., *Associate Professor of Experimental Psychology and Director of the Psychological Laboratory.*

B.S., Ohio Wesleyan University, 1900, A.M., 1901, and M.S., 1902; Ph.D., Cornell University, 1909. Fellow in Psychology, Cornell University, 1902-03; Assistant in Psychology, Cornell University, 1903-07.

GERTRUDE RAND, PH.D., *Associate in Experimental and Educational Psychology.*

A.B., Cornell University, 1908; Ph.D., Bryn Mawr College, 1911. Graduate Scholar in Psychology, Bryn Mawr College, 1908-09, 1911-12. Fellow in Philosophy, 1909-10, Fellow in Psychology, 1910-11, and Sarah Berliner Research Fellow, 1912-13.

CHARLES GHEQUIERE FENWICK, PH.D., *Associate Professor of Political Science.*

A.B., Loyola College, 1898; Ph.D., Johns Hopkins University, 1912. Student of Political Science, Johns Hopkins University, 1909-11; Law Clerk, Division of International Law in the Carnegie Endowment for International Peace, 1911-14; University of Freiburg, summer, 1913; Lecturer on International Law, Washington College of Law, 1912-14.

ANGIE LILLIAN KELLOGG, A.M., *Instructor in Social Economy and Social Research.*

A.B., Vassar College, 1903, and A.M., 1904. Resident Fellow, Vassar College, 1903-04; Teacher of English, Schenectady High School, N. Y., 1904-10; Law Student, 1910-11; Fellow in Philosophy, Bryn Mawr College, 1911-13, and Graduate Scholar and Fellow by Courtesy, 1913-14; Holder of Mary Richardson and Lydia Pratt Babbott Fellowship of Vassar College, 1913-14; awarded A. C. A. European Fellowship for 1914-15; Probation Officer for Girls in Watertown, N. Y., Agent for S. P. C. C. Society of Jefferson Co., N. Y., and Superintendent of Bureau of Charities, Watertown, N. Y., summer of 1911; Officer at Bedford Reformatory, N. Y., summer of 1912; Jefferson County Agent for Dependent and Delinquent Children, 1914-16; Research Field Worker for New York School of Philanthropy, January to May, 1916.

FRIEDA SEGELKE MILLER, A.B., *Research Assistant in the Carola Woerishoffer Department of Social Economy and Social Research.*

A.B., Milwaukee-Downer College, 1911. Graduate Student, University of Chicago 1911-15.

ANNA CHRISTINE MCBRIDE, A.M., *Instructor in Economics and Statistics and Statistical Secretary to the Director of the Carola Woerishoffer Department of Social Economy and Social Research.*

A.B., B.S., University of Missouri, 1912, and A.M., 1913. Problem Reader in Mathematics, University of Missouri, 1910-13; Graduate Scholar, University of Missouri, 1912-14; Graduate student, Columbia University, 1914-16.



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BRYN MAWR COLLEGE.

THE CAROLA WOERISHOFFER GRADUATE DEPARTMENT OF SOCIAL ECONOMY AND SOCIAL RESEARCH.

Plan of the Department.

This department was opened in the autumn of 1915 and is known as the Carola Woerishoffer Graduate Department of Social Economy and Social Research, in order that the name of Carola Woerishoffer may be associated in a fitting and lasting way with Bryn Mawr College which she so generously endowed.

The department affords women an opportunity of obtaining advanced scientific training in philanthropy and social service to which Carola Woerishoffer devoted her life.

Preparation for social work may follow two lines, on one side the study of the fundamental sciences, history, and philosophy, on the other side the study, by laboratory methods, of the social phenomena of the present day in order to discover their origin and significance and to develop the best means of directing them into channels of the highest social value, or of checking those which make for social decay.

Underlying each separate effort for social betterment are specific social theories and philosophies, and a background of history. But much of the history is yet to be written, much of the theory is yet to be formulated, most methods and much of the technique are in the making, and much of the philosophy is yet to be expounded. It is on this account that the study of social economy is to say the least beset with difficulties. If it is to be thorough, it must necessarily follow research methods, for the record of experience is very widely scattered. Collections of sources are ephemeral, and incomplete, and are usually in pamphlet form and most difficult of access.

Training in social economy necessitates (1) an analysis of the kinds of work to be done and of the fields open to the woman who has followed or is about to follow such a course of training, (2) a consideration of the type of position or the immediate

demands of the occupation to be entered, (3) selection of the line of training, both academic and technical, which will fit the individual for work in one or the other field.*

The following programmes are therefore presented in order to afford the student a panoramic view of the work which is open to her (see the nine successive programmes), the agencies which carry on work in each field (see the last column of each programme) and the types of positions open in the various agencies (see next to the last column of each programme). It will be noted that the same types of positions and of problems are found in several fields of work. Consequently similar or identical subjects are fundamental to these several varieties of work. In the first column of each programme are, therefore, those subjects which provide the elements for all types of positions, whether they be administration, research, investigation, visiting, supervision or executive leadership, and which are also necessary in the different fields of work whether they include education of the public through propaganda, or of the adult through clubs, classes or leagues. In the second and third columns are presented only those subjects which *bear directly* on the special field of work under consideration. The elementary and advanced undergraduate courses are cultural and not professional, but are suggested as courses of the greatest value for the student who wishes to direct *some part* of her college studies toward this specialized field. The courses presented under "advanced courses" and "graduate courses" are *essential to the fullest preparation* for the field of work indicated. Those students who expect to devote only one year to professional training should elect courses from those suggested; but students who can devote two or three years to preparation may find it desirable also to select courses suggested in other fields.

The elementary courses recommended are selected from the group courses given in economics and politics, psychology, biology, history, or philosophy in Bryn Mawr College.

* For studies on opportunities for positions in Social Service institutions and organizations, and requirements made in such positions, see especially Department of Research, Women's Educational and Industrial Union, *Vocations for the Trained Woman, Part II*. (Susan M. Kingsbury, Editor.) Boston, 1914; Devine and Van Kleeck, *Positions in Social Work*, New York, 1916.

The wide range of choice in fields of work and in agencies, makes necessary careful thought on the part of the student as to her natural fitness for any special phase, and the amount of time she can give to training herself for it. For example, Social and Industrial Research requires at least three years of preparation, and demands a knowledge of history, philosophy, social conditions, institutions and movements. Other work, on account of the greater relative value of practical experience, may require less time.

The purpose of the outline is to suggest the content of an adequate preparation for the types of work considered and the range of opportunities in each field as they now exist. While many of the graduate courses are professional, the undergraduate courses are general in character but are at the same time fundamental training for social service. The courses scheduled in the charts will not in every case be found in the courses of the department reprinted in another part of this pamphlet from the Bryn Mawr College Calendar, partly because some are offered by other departments whose work is not completely reproduced and partly because it is the intention to endeavor to suggest a complete curriculum although courses may not as yet be given in the college. Courses not now offered in the college are printed in italics.

PROGRAMME I
PROGRAMME SUGGESTED IN PREPARATION FOR WORK IN THE FIELD OF SOCIAL RELIEF AND
FAMILY CARE¹

COLLEGE COURSES RECOMMENDED AS PREPARING DIRECTLY FOR POSITIONS IN THIS FIELD			
Elementary Subjects: Required courses and major group at Bryn Mawr College	Advanced Undergraduate Courses	Graduate Courses	Type of Positions open under listed agencies
Economics.	Current Social and Industrial Problems. (American Social Problems.) Elements of Statistics. Methods and Sources of Social Research. Organized Effort for Social Betterment. Social and Industrial Legislation. (Eco- nomic and Industrial Legislation.) <i>Economics of Consumption.</i>	Seminary including Practicum: Theory, Meth- ods, and Technique of Social Relief and Family Care. Social Treatment of Dependents. Seminaries in Social Theory: (1) Social Origins and Social Evolution, (2) Social Institutions. Seminary in Social Research: Aspects of Social and Industrial Problems. <i>Home Budget Making.</i>	Organized Agencies conducting work in this field
Politics.	Present Political Problems.		State Charity Organization. Municipal Charity Commis- sion. Charity Organization Societies. Relief Agencies. Red Cross Emergency Work.
Psychology.	Social Psychology.	Seminary: Temperament and Character and their Instinctive and Emotional Foundation.	Directors. Visitors. Advisors. Secretaries: Executive. Recording. Special Committees. Investigators.
Biology.	<i>Hygiene, Public and Individual.</i> Hereditary and Eugenics. (Theoretical Bi- ology.) Elementary Ethics.	Seminary: Social and Political Philosophy.	Boards of Managers of Charitable In- stitutions. Visiting or Instructing Housekeepers.
Philosophy. Logic. History. English Composition. English Diction.			Family Case Workers.

¹ Courses printed in italics are not as yet offered in Bryn Mawr College, but are suggested as desirable courses for preparation in Social Economy. Titles of courses in Parentheses indicate titles used in Bryn Mawr College.

PROGRAMME II

PROGRAMME SUGGESTED IN PREPARATION FOR WORK IN THE FIELD OF SOCIAL GUARDIANSHIP AND CUSTODY¹

COLLEGE COURSES RECOMMENDED AS PREPARING DIRECTLY FOR POSITIONS IN THIS FIELD				
Elementary Subjects: Required courses and major group at Bryn Mawr College	Advanced Undergraduate Courses	Graduate Courses	Type of Positions open under listed agencies	Organized Agencies conducting work in this field
Economics.	Current, Social and Industrial Problems. (American Social Problems.) Elements of Statistics. Methods and Sources of Social Research. Organized Effort for Social Betterment. Social and Industrial Legislation. (Eco- nomic and Social Legislation.)	Seminary including Practicum: Theory, Meth- ods, and Technique dealing with Delinquents and Deficients. Social Treatment of Defectives and Delinquents. Seminaries in Social Theory: (1) Social Origins and Social Evolution, (2) Social Institutions, Principles of Social Administration.	Administrators. Superintendents. Assistants. Investigators: Repre- sentatives, Field Workers.	Schools for Minors under State Control. Care of Minors: Probation Work. Juvenile Courts. Girls' Courts. Boys' Courts. Juvenile Protective Associa- tions.
Politics.	Elements of Private Law.	Legal Procedure Affecting Women and Children. Criminal Law. Criminal Procedure. Seminary: Municipal Government and Problems.	Probation Officers. Parole Officers. Advisors. Visitors.	Care of Adults: Misdemeanants Courts, Probation Work, Prison Administration, Prison Reform, Prisoners' Aid Society, Women's Prison Association
Psychology.	Experimental Psychology.	Seminary: Mental Tests, Seminary: Abnormal Psychology. (Psycho- logical Seminary.) Social Hygiene.	Police Matrons. Police Women.	Care of Women: Women's Courts, Domestic Relations Court, Care of Delinquents and Feeble-minded.
Biology.	Heredity and Eugenics. (Theoretical Bi- ology.)	Seminary: Genetics.		Travelers' Aid Society for Women and Girls.
Philosophy.				
Logic.				
History.				
English Composition. English Diction.	Elementary Ethics.			

¹ Courses printed in italics are not as yet offered in Bryn Mawr College, but are suggested as desirable courses for preparation in Social Economy. Titles of courses in parentheses indicate titles used in Bryn Mawr College.

PROGRAMME III PROGRAMME SUGGESTED IN PREPARATION FOR WORK IN THE FIELD OF CHILD WELFARE ¹

COLLEGE COURSES RECOMMENDED AS PREPARING DIRECTLY FOR POSITIONS IN THIS FIELD				
Elementary Subjects: Required courses and major group at Bryn Mawr College	Advanced Undergraduate Courses		Graduate Courses	
	Current Social and Industrial Problems. (American Social Problems.) Elements of Statistics. Methods and Sources of Social Research. Organized Effort for Social Betterment.			
Economics.				Organized Agencies conducting work in this field
Politics.				State Children's Boards, Mother's Assistance Com- missions, State Commissions on Wid- ows' Pensions, Child Placement: State Bureaus, Local Bureaus.
Psychology.	Applied Psychology. Experimental Psychology. Principles of Education.		Administrators. Secretaries: Executive, Recording. Placement Agents. Investigators. Visitors. Protection Agents.	Federal Children's Bureau. School Inspectors, Home and School Visiting. Children's Homes. Children's Aid Societies. Societies for the Prevention of Cruelty to Children. American Institute of Child Life, Association for the Study and Prevention of Infant Mor- tality. Juvenile Protective Associa- tions.
Biology.				
Philosophy.	<i>Hygiene, Public and Individual.</i> Elementary Ethics.			
Logic.				
History.				
English Composition. English Dictation.				

¹ Courses printed in italics are not as yet offered in Bryn Mawr College, but are suggested as desirable courses for preparation in Social Economy. Titles of courses in parentheses indicate titles used in Bryn Mawr College.

PROGRAMME IV
 PROGRAMME SUGGESTED IN PREPARATION FOR WORK IN THE FIELD OF SOCIAL EDUCATION AND
 COMMUNITY ORGANIZATION: THE COMMUNITY, THE FAMILY, THE CHILD¹

COLLEGE COURSES RECOMMENDED AS PREPARING DIRECTLY FOR POSITIONS IN THIS FIELD			
Elementary Subjects: Required courses and major group at Bryn Mawr College	Advanced Undergraduate Courses	Graduate Courses	Type of Positions open under listed agencies
Economics.	Current Social and Industrial Problems. (American Social Problems.) Statistics. Methods and Sources of Social Research. Organized Effort for Social Betterment.	Seminary including Practicum: Methods and Content of Social Education. Seminary in Social Research: Some Aspects of Social Problems. Seminary in Social Theory: Social Institutions. <i>Seminary: Labor Organizations and Industrial Organizations.</i> Principles of Social Administration.	Organized Agencies conducting work in this field
Politics.	Present Political Problems.	Seminary: Municipal Government and Problems.	Public Schools.
Psychology.	Social Psychology.	Seminary: Principles of Social Psychology and their Application to Commerce, Industry, and Government. <i>Psychology of Adolescence.</i> Seminary: Essentials of Educational Theory and Practice for Social Workers. <i>Organized Play and Physical Training.</i>	Civic Centers. Community Centers. Neighbourhood Houses (Settlements). Recreation Centers. Playgrounds.
Philosophy.	Elementary Ethics.	Seminary: Social and Political Philosophy.	Parent-Teachers' Associations. Women's Clubs. Girls' and Boys' Clubs. Work with Immigrants. National Playgrounds Associa- tion.
Logic.			Extension Lectures. Press Service Positions.
Biology.	<i>Hygiene, Public and Individual.</i>		Social Exhibits: Child Welfare. Baby Saving. Housing.
History.	Literature.		
English Composition. English Dictation.			

¹ Courses printed in italics are not as yet offered in Bryn Mawr College, but are suggested as desirable courses for preparation in Social Economy. Titles of courses in parentheses indicate titles used in Bryn Mawr College.

PROGRAMME V
PROGRAMME SUGGESTED IN PREPARATION FOR WORK IN THE FIELD OF MEDICAL SOCIAL SERVICE
AND PUBLIC HEALTH AND SAFETY¹

COLLEGE COURSES RECOMMENDED AS PREPARING DIRECTLY FOR POSITIONS IN THIS FIELD			
Elementary Subjects: Required courses and major group at Bryn Mawr College	Advanced Undergraduate Courses	Graduate Courses	Type of Positions open under listed agencies
Economics.	Current Social and Industrial Problems. (American Social Problems.) Statistics. Methods and Sources of Social Research. Organized Effort for Social Betterment. <i>Economics of Consumption.</i>	Seminary including Practicum: Civic Education in Medical Social Service and Public Health. Social Treatment of Dependents. Seminary in Social Research: Aspects of Social and Industrial Problems. <i>Home Budget Making.</i>	Organized Agencies conducting work in this field
Politics.		Seminary: Municipal Government and Problems.	Public Health Departments: City Bureau of Chemistry. City Bureau of Bacteriology. Market Inspection.
Psychology.	Social Psychology.	Seminary: Temperament and Character and their Instinctive and Emotional Foundations. <i>Education in Public Health.</i>	Street Inspection. Industrial Hygiene: Factory Inspection.
Biology.	Chemistry. Biology. Physiology. <i>Hygiene, Public and Individual.</i> Hereditary and Eugenics. (Theoretical Bi- ology. <i>Bacteriology.</i>	<i>Industrial Hygiene.</i> <i>Dietetics.</i> <i>Sanitation.</i>	Housing Associations: National. Local. Sanitary Survey. Bureaus of Sanitation. Anti-Tuberculosis Work. Milk and Baby Hygiene: Milk Inspection. Food Inspection. Social Hygiene Agencies. Sex Hygiene Agencies. Hospital Social Service. Fire Prevention Bureaus.
Philosophy		Civic Educational or Propagandist Workers.	
Logic.			
History.			
English Composition. English Diction.			

¹ Courses printed in italics are not as yet offered in Bryn Mawr College, but are suggested as desirable courses for preparation in Social Economy. Titles of courses in parentheses indicate titles used in Bryn Mawr College. Besides courses here suggested either a medical training or a nurses training is essential for many positions in Public Health Work.

PROGRAMME VI

PROGRAMME SUGGESTED IN PREPARATION FOR PROPAGANDA IN SOCIAL AND INDUSTRIAL WELFARE AND FOR WORK IN THE EDUCATION OF THE INDUSTRIAL CLASSES¹

COLLEGE COURSES RECOMMENDED AS PREPARING DIRECTLY FOR POSITIONS IN THIS FIELD			
Elementary Subjects: Required courses and major group at Bryn Mawr College	Advanced Undergraduate Courses	Graduate Courses	Type of Positions open under listed agencies
Economics.	History of Economic Thought. Current Social and Industrial Problems. (American Social Problems.) Elements of Statistics. Methods and Sources of Social Research. <i>Socialism</i> . Social and Industrial Legislation. (Economic and Social Legislation.)	Seminary including Practicum: Social Organization, Inspection, Administration, Publicity. Seminary in Social Research: Aspects of Social and Industrial Problems. <i>Seminary: Labor Organizations and Industrial Organizations</i> . Seminary: Advanced Social Statistics.	State Boards of Labor and Industry. Women's Trade Union League: National. Local. Federation of Women Workers. Child Labor Committees. Civic Federations. Committees on Social Legislation. Labor Legislation Association. Consumers' League: State. National. Welfare Work in Mercantile and Manufacturing Establishments. Work for Immigrants. Immigrant Protective Leagues.
Politics.	Elements of Private Law. Present Political Problems.	Seminaries: (1) Constitutional questions involved in Present Social and Economic Problems; (2) Municipal Government and Problems.	Administrators. Executive Secretaries. Recording Secretaries. Investigators. Organizers. Factory Inspectors. Inspectors of Industrial Establishments
History.	<i>Economic and Industrial History</i> .		Welfare Secretaries. Propagandist Speakers and Writers. Publicity Workers.
Psychology.	Social Psychology.	Seminary: Principles of Social Psychology, and their Application to Commerce, Industry, and Government. Seminary: Essentials of Educational Theory and Practice for Social Work.	
Philosophy	Elementary Ethics.	Technical and Advanced Criticism. <i>Industrial Hygiene and Sanitation</i> .	
Logic.			
Biology.			
English Composition. English Dictation.	Argumentation. <i>Journalistic Writing</i> . <i>Public Speaking</i> .		

¹ Courses printed in italics are not as yet offered in Bryn Mawr College, but are suggested as desirable courses for preparation in Social Economy. Titles of courses in parentheses indicate titles used in Bryn Mawr College.

PROGRAMME VII

PROGRAMME SUGGESTED IN PREPARATION FOR WORK IN THE FIELD OF VOCATIONAL ADVISING AND PLACEMENT OR OCCUPATIONAL DIRECTION¹

COLLEGE COURSES RECOMMENDED AS PREPARING DIRECTLY FOR POSITIONS IN THIS FIELD				Type of Positions open under listed agencies	Organized Agencies conducting work in this field
Elementary Subjects: Required courses and major group at Bryn Mawr College	Advanced Undergraduate Courses	Graduate Courses			
Economics.	Current Social and Industrial Problems. (American Social Problems.) Statistics. Methods and Sources of Social Research. Organized Effort for Social Betterment.	Seminary including Practicum: Industrial Development and Education, Vocational Guidance. Seminary in Social Research: Aspects of Industrial Problems and Educational Opportunities. <i>Seminary: Labor Organizations and Industrial Organizations.</i> Legal Procedure Affecting Women and Children. Seminary: Municipal Government and Problems.		Administrators. Counsellors. Investigators. Visitors. Secretaries: Executive. Recording. Employment Managers.	Vocational Departments in: Public Schools and School Systems. Trade Schools. Continuation Schools. Neighbourhood Houses (Settlements). Labor Exchanges. Placement Bureaus. Institutional Homes. Business Houses. Employment Agencies. Bureaus of Occupation. Unemployment Committees.
Politics.					
History. Psychology.	<i>Economic and Industrial History.</i> Applied Psychology. Experimental Psychology.	Seminary: Mental Tests. Seminary: Temperament and Character and their Instinctive and Emotional Foundation. <i>Psychology of Adolescence.</i> Seminary: Essentials of Educational Theory and Practice for Social Work. Seminary: Social and Political Philosophy.			
Philosophy. Logic. Biology. English Composition. English Dictation.	Elementary Ethics. <i>Hygiene, Public and Individual.</i>				

¹ Courses printed in italics are not as yet offered in Bryn Mawr College, but are suggested as desirable courses for preparation in Social Economy. Titles of courses in parentheses indicate titles used in Bryn Mawr College.

PROGRAMME VIII

PROGRAMME SUGGESTED IN PREPARATION FOR WORK IN THE FIELD OF SOCIAL FINANCE AND LEGAL AID AND PROTECTION ¹

COLLEGE COURSES RECOMMENDED AS PREPARING DIRECTLY FOR POSITIONS IN THIS FIELD			
Elementary Subjects: Required courses and major group at Bryn Mawr College	Advanced Undergraduate Courses	Graduate Courses	Type of Positions open under listed agencies
Economics.	Current Social and Industrial Problems. (American Social Problems.) <i>Money and Banking.</i> Statistics. Methods and Sources of Social Research. Organized Effort for Social Betterment.	Seminary including Practicum: Theory and Methods of Financial and Legal Aid. Seminaries in Economics: (1) Finance, (2) Dis- tribution. Seminary in Social Research: Aspects of Social and Industrial Problems. Seminary: Advanced Social Statistics. <i>Accounting.</i>	Organized Agencies conducting work in this field
Politics.	Elements of Private Law. Present Political Problems.	Seminary: Municipal Government and Prob- lems. Legal Procedure Affecting Women and Children.	State Industrial Insurance Bureaus. Workmen's Compensation Boards. Co-operative Savings Organiza- tions. Legal Aid Societies. Provident Loan Agencies.
Psychology.	Social Psychology.	Seminary: Temperament and Character and their Instinctive and Emotional Foundation.	Investigators. Advisors. Counsellors. Court Representa- tives. Financial Secretaries.
Philosophy.	Elementary Ethics.		
Logic.			
Biology.			
History.			
English Composition. English Dictation.			

¹ Courses printed in italics are not as yet offered in Bryn Mawr College, but are suggested as desirable courses for preparation in Social Economy. Titles of courses in parentheses indicate titles used in Bryn Mawr College.

PROGRAMME IX

PROGRAMME SUGGESTED IN PREPARATION FOR WORK IN THE FIELD OF SOCIAL AND INDUSTRIAL RESEARCH¹

COLLEGE COURSES RECOMMENDED AS PREPARING DIRECTLY FOR POSITIONS IN THIS FIELD			
Elementary Subjects: Required courses and major group at Bryn Mawr College	Graduate Courses		Type of Positions open under listed agencies
	Advanced Undergraduate Courses		
Economics.	History of Economic Thought, Elements of Statistics, Methods and Sources of Social Research, Organized Effort for Social Betterment, Social and Industrial Legislation (Economic and Social Legislation.)	Seminary including Practicum: Social Research and Interpretation of Social Data. Advanced Social Statistics. Seminary in Social Economy: Aspects of Social and Industrial Problems. Seminaries in Social Theory: (1) Social Origins and Social Evolution; (2) Social Institutions, Seminaries in Economics: (1) Distribution; (2) Value.	Organized Agencies conducting work in this field
Politics.	Present Political Problems.	Seminary: Constitutional questions involved in present Economic and Social Problems.	Legislative Reference Libraries of Various States.
History.	History of Modern Europe. History of England.		Departments and Bureaus of Investigation: Federal. State. Municipal. Industrial Organizations. Philanthropic Organi- zations. Newspapers. Magazines.
Psychology.			Bureaus: Municipal Research. Social Research. Institute for Government Research.
Philosophy.	Elementary Ethics. <i>Exposition.</i>	Seminaries: (1) Principles of Social Psychology and their Application to Commerce, Industry, and Government; (2) Temperament and Char- acter and their Instinctive and Emotional Foundation. Seminary: Social and Political Philosophy.	Surveys: City. Rural.
Logic.			
Biology.			
English Composition. English Diction.		Technical and Advanced Criticism.	

¹ Courses printed in italics are not as yet offered in Bryn Mawr College, but are suggested as desirable courses for preparation in Social Economy. Titles of courses in parentheses indicate titles used in Bryn Mawr College.

Courses Offered in Bryn Mawr College.

The instruction in this department is under the direction of Dr. Susan Myra Kingsbury, Carola Woerishoffer Professor of Social Economy and Director of the Carola Woerishoffer Department of Social Economy and Social Research, Miss Angie Lillian Kellogg, Instructor in Social Economy and Social Research, Miss Anna Christine McBride, Instructor in Economics and Statistics and Statistical Secretary to the Director of the Carola Woerishoffer Department of Social Economy and Social Research, Miss Frieda Segelke Miller, Research Assistant to the Director of the Department of Social Economy and Social Research, with the co-operation of the following members of the closely allied departments of Economics and Politics, Psychology, Education and Philosophy: Dr. Marion Parris Smith, Professor of Economics; Dr. Charles Ghequiere Fenwick, Associate Professor of Political Science; Dr. Theodore de Leo de Laguna, Professor of Philosophy; Dr. James H. Leuba, Professor of Psychology and Education; Dr. Clarence Errol Ferree, Associate Professor of Experimental Psychology; Dr. Gertrude Rand, Associate in Experimental and Educational Psychology; Dr. Matilde Castro, Associate Professor (and Professor elect) of Education; Dr. David Hilt Tennent, Professor of Biology; Dr. Caroline Hurd Le Fevre, Associate Physician of the College.

The seminars and courses given by these instructors and enumerated below are specially adapted for students of Social Economy and Social Research. Three seminars, two graduate courses, and a practicum counting as a seminary are given each year in the Carola Woerishoffer Department in addition to seminars and courses in economics, politics, education, philosophy, and psychology. Direction of investigation and research in special fields, and supervision of the practicum in social service and welfare accompanies the seminars and courses. The seminars and courses announced by the department are given in rotation so that different courses may be taken through three consecutive years. The selection of courses depends upon the field of social work which the student may choose. A seminary in Social Research or a seminary in Social Theory, and, unless previously taken, a post-major course in

Social Statistics and Methods of Social Research are required of all students of the department.

GRADUATE COURSES.

The following graduate courses may be elected subject to the approval of the Director of the Department by students working for the first and second year diplomas as well as by candidates for the degree of Master of Arts or of Doctor of Philosophy in Social Economy and Social Research.

Dr. Kingsbury offers in each year the following graduate seminary:

Seminary in Social Research.

Three hours a week throughout the year.

In 1916-17 the subject of the seminary is Standards of Living, accompanied by field research in Industrial Home Work.

In 1917-18 the seminary will be in Industrial Relations of Women and Minors, accompanied by field research in Occupations of Minors in Philadelphia.

In 1918-19 the seminary will be selected from the following aspects of Social and Industrial Problems: (1) standards of living, including income and wages, (2) social relations, (3) industrial relations of women and minors, (4) vocational opportunities and demands, or (5) the relation of health and industry. Research including field work with conferences will be required of research fellows and scholars and will be offered to every student. A group of students may co-operate to produce a study which, it is hoped, will prove a contribution to our knowledge of the social or industrial conditions investigated.

As the chief subjects of investigation will vary from year to year, as noted above, it will be possible for students to follow the work of the seminary for three consecutive years.

Miss Kellogg offers in each year the following graduate seminary:

Seminary in Social Theory.

Two hours a week throughout the year.

In 1916-17 the subject of the seminary is Social Origins and Social Evolution, a study of the sentiments, the political and moral tendencies, and the religious and mental traits of primitive man as expressed in language, material invention, activities, and formation, dispersions and struggles of primitive groups.

In 1917-18 the subject of the seminary will be Social Institutions, a study of domestic relations, kinship groups, marriage and the family, industrial organizations, the church, the state, schools, courts of justice, classes, and rights.

Miss McBride offers in each year the following graduate course:

Advanced Social Statistics.

Two hours a week throughout the year.

This course attempts to study intensively the subjects of correlation and causation, or the functional relationships between series of facts. The main considerations of the course are the method of least squares, the theory of linear correlation, spurious correlation, skew correlation, partial correlation, and the theory of contingency.

The course must be preceded or accompanied by the course in Elements of Statistics or its equivalent, and a foundation in mathematics including the Calculus is desirable to facilitate ease in comprehension.

It may be accompanied by the Special Laboratory Problems in Statistics to constitute a seminary.

Special Laboratory Problems in Statistics.

Seven hours a week throughout the year.

This course is offered in each year in connection with the course in Advanced Social Statistics and in connection with that course may constitute a seminary.

Miss Kellogg offers in each year the following graduate course:

Social treatment of dependents and social treatment of delinquents and defectives.

Three hours a week throughout the year.

This course will involve a study of the principles, methods, and agencies employed for the prevention, relief and cure of dependency, defectiveness, and delinquency, such as family case-work, outdoor relief, and institutional care, juvenile courts, probation and parole systems, the indeterminate sentence and psychological laboratories in connection with courts. This course is planned to accompany the seminary in Social Economy including the practicum in Social Relief and Social Guardianship.

Miss Kellogg offers in 1917-18 and again in 1919-20 the following graduate course:

Legal Procedure in cases involving women and children.

Two hours a week throughout the year.

The administrative side of the law affecting women and children is presented in this course. It includes a study of the law as applied in juvenile courts, domestic relations courts, and other municipal courts.

Miss Kellogg offers in 1918-19 and again in 1920-21 the following graduate course:

Social Administration.

Two hours a week throughout the year.

The object of this course is to study the functions and departments of state boards of charities and corrections; state boards of education; organized charities; other social welfare reformatory and educational institutions; boards of managers' and superintendents' reports; and especially the making of statistical reports and budgets.

Criminal Law.

Two hours a week throughout the year.

By special arrangement with the Law School of the University of Pennsylvania students in this department may pursue the course in Criminal Law offered by Dean Mikell at the Law School, Thirty-fourth and Spruce Streets, Philadelphia.

This course may accompany the course in Social Treatment of delinquents and defectives (Criminology) and the course in Legal Procedure in cases involving women and children.

Criminal Procedure.

Two hours a week throughout the year.

By special arrangement with the Law School of the University of Pennsylvania students in this department may pursue the course in Criminal Procedure offered by Dean Mikell at the Law School, Thirty-fourth and Spruce Streets, Philadelphia.

This course must be preceded by the course in Criminal Law.

Dr. Castro offers in 1917-18 and in each succeeding year the following graduate seminary:

Essentials of Educational Theory and Practice for Social Workers.

Two hours a week during the second semester.

The subjects studied in this course are selected so as to serve as an introduction to the educational principles involved in the intelligent direction of such activities as community

centres, settlement classes, clubs, etc. Among the subjects studied will be the characteristic mental and physical development of childhood, adolescence, youth, and maturity. This study will be used as a basis for the selection of the educational materials and methods appropriate to the needs and capacities of different groups of varying ages and differing educational opportunities. This seminary is planned to accompany the seminary in Social Economy including the practicum in Social Education.

Dr. Marion Parris Smith offers in each year the following graduate seminary:

Economic Seminary.

Two hours a week throughout the year.

In 1916-17 the theories and problems of Distribution and the agencies in modern social life that affect the distribution of wealth are studied. Special attention is paid to wage problems, profit sharing, various plans for controlling large scale production, modern land systems, etc.

In 1917-18 History of Economic Thought in England and America in the nineteenth century with special attention to the ideas of free trade and protection will be the subject of the seminary.

Dr. Fenwick offers in each year the following graduate seminary:

Political Seminary.

Three hours a week throughout the year.

In 1916-17 Constitutional Law of the United States is the subject of the seminary. The decisions of the Supreme Court of the United States form the basis of the work. Special stress is laid upon the relations between the federal and state governments, interstate commerce, and due process of law under the Fourteenth Amendment. Students are required to present brief reports upon assigned cases in the first semester and to prepare a longer report upon a group of cases in the second semester.

In 1917-18 Municipal Government will be the subject of the seminary. In this course will be investigated such subjects as the relation of the city to the state, the newer forms of city government, problems of municipal administration, embracing the control of public utilities, municipal ownership, the city budget, public health, the police department, and other related municipal activities.

In 1918-19 Constitutional questions involved in modern economic and social problems will be the subject of the seminary. The chief economic and social problems of the United States will be studied from the point of view of the restrictions placed by the Constitution on the legislative powers of Congress and of the several states in dealing with those subjects. As an introduction the various theories relating to the proper functions of the State will be discussed.

Dr. Leuba offers in each year the following graduate seminary:

Psychological Seminary.

Two hours a week throughout the year.

As the foundation of the work of the seminary one or two of the following subjects will be chosen each year: instinct, feeling, and emotion; the psychology of religion and of ethics; social psychology; abnormal psychology (mental disorders, arrested mental development, etc.); animal behaviour; psychology of the beautiful.

Dr. Leuba offers in each year the following graduate seminary:

Seminary in Social Psychology.

Two hours a week during the first semester.

In 1916-17 and again in 1918-19 the principles of social psychology and their applications to problems of commerce, industry and government are the subject of the seminary.

In 1917-18 and again in 1919-20 Temperament and Character, their instinctive and emotional foundation, will be the subject of the seminary.

This seminary is open to students who have pursued an elementary course in Psychology. It may be elected separately or may be combined with the seminary in Social and Political Philosophy given in the second semester to count as a seminary in the Department of Social Economy and Social Research.

Dr. Theodore de Laguna offers in each year the following graduate seminary:

Seminary in Social and Political Philosophy.

Two hours a week during the second semester.

The topics chosen for discussion will vary from year to year. Among them will be such subjects as: the general nature of law; sovereignty and allegiance; the conception of personal liberty; property; punishment; marriage and the family; moral education. This seminary is open to students who have pursued an elementary course in Philosophy. It may be elected separately or may be combined with the seminary in social psychology given in the first semester to count as a seminary in the Department of Social Economy and Social Research.

Dr. Castro offers in each year the following graduate seminary:

Seminary in Principles and Methods of Education.

Three hours a week throughout the year.

In the seminary the principles and methods of education which bear most directly on the selection and teaching of the school curriculum are considered. For members of the seminary who prove to be qualified, opportunities will be afforded for practice in teaching individual children or small groups of Model School pupils who may require special instruction. Observation of classes in the Model School and elsewhere will be part of the required work. In 1917-18 Child Study will be the central topic of the seminary.

Dr. Rand offers in each year the following graduate seminary:

Seminary in Mental Tests.

Two hours a week throughout the year.

Laboratory Work.

Four hours a week throughout the year.

This course combines seminary, laboratory drill, and research features. In the seminary work the history, development, and purpose of mental tests will be treated, and a study made of the sensory and higher mental processes. The laboratory drill will consist of training in the application of tests (including the Binet-Simon series), and practice in diagnosing mental ability, using as subjects children from schools in the vicinity of Bryn Mawr and Philadelphia. The research work will consist of special problems in the devising and standardization of tests, and the formulation of methods designed to improve specific mental deficiencies. The course is open only to graduate students who have had training in experimental psychology. If taken in connection with the special laboratory problems the work of the seminary and laboratory work will occupy thirteen hours a week of the student's time. Students not taking the special problems will be credited with ten hours work.

Special Laboratory Problems in Mental Tests.

Four hours a week throughout the year.

This course is offered in each year in connection with the course in Mental Tests to students who wish to pursue advanced work.

Dr. Kingsbury and Miss Kellogg offer in each year the following graduate seminary:

Seminary in Social Economy, including the Practicum.

Two hours a week throughout the year.

This seminary combines practical work in one of the following fields with reading, reports, and discussions: (a) Social Relief and Guardianship; (b) Social Education; or (c) Industrial Organization. In connection with this seminary each student should take a corresponding course in theory: (a) Social Treatment of Dependents, Delinquents and Defectives; (b) Essentials of Educational Theory and Practice for Social Workers; (c) Industrial Organization. One-third of the time of each student* in the department should be devoted to a practicum which shall come under the joint direction of a member of the department of Social Economy and the head of the social welfare institution with which the student elects to take this work. The work must be of a sufficiently practical character to give the student both the necessary training to fit her to enter her selected field at the close of the course and at the same time a general knowledge of the subject and a theoretical understanding of its problems, methods and technique.

The fields from which a subject for the practicum may be chosen are as wide as are the organized activities for social welfare. Advantage has been taken by the department of the very generous interest and co-operation of the Philadelphia social agencies to secure for its students definite affiliations with organizations in the fields chosen by them and a knowledge of the extent and character of such social activities in the city. This has led in the year 1915-16 and 1916-17 to an arrangement for co-operative work with the College Settlement under Miss Anna Davies, the Criminal Division of the Municipal Court under Dr. Louise Stevens Bryant, the Society for Organizing Charity under Miss Betsey Libbey, the Division of Employment of the Bureau of Compulsory Education under Mr. Henry J. Gideon and Mr. M. P. Townsend, the Women's Trade Union League under Miss Florence Sanville, the Social Service Department of the Hospital of the University of Pennsylvania under Miss Helen Glenn and Miss S. Sawtelle and of the Pennsylvania Hospital under Mrs. Magee, the Children's Bureau under Mr. M. Byall, the Bryn Mawr Community Center under Miss Hilda W. Smith, the Massachusetts Minimum Wage Commission under Miss Nathalie Matthews, the Federal Children's Bureau under Miss Julia Lathrop, the Children's Aid Society under Mr. E. D. Solenberger, the Juvenile Court under Mrs. Jane Rippin, and the Consumers' League under Miss Mary McConnell.

Dr. Kingsbury, Miss Kellogg and Miss McBride conduct in each year the Social Economy Journal Club.

Social Economy Journal Club. *Two hours once a fortnight throughout the year.*

Current books and articles are reviewed, recent reports, surveys and investigations are criticized, and the results of important research are presented for discussion.

Dr. Le Fevre offers in 1916-17 and again in 1917-18 the following graduate course, open to students working in the department:

Social Hygiene. *One hour a week during the first semester.*

The following advanced undergraduate courses are offered to students in the department:

Dr. Kingsbury offers in each year the following post-major course, open to graduate students:

Methods and Sources of Social Research.

Two hours a week during the first semester.

The object of the course is to acquaint the student with the sources of social statistical information and methods of securing, analyzing, interpreting and presenting social data.

* Candidates who have had satisfactory experience in their chosen field may devote all their time to courses in theory and allied subjects.

Preparation of the various types of schedules, tabulation of information secured, and the preparation of tables are among the subjects considered. The course concludes with a critical study of the methods used in social economic investigations and of reports by federal and state departments and by private organizations. This course must be accompanied by the course in Elements of Statistics.

Miss McBride offers in each year the following free elective course, open to graduate students:

Elements of Statistics.

One hour a week throughout the year.

This course deals with the elementary principles of statistics and their application. Among the topics are the array, frequency distributions, averages, measures of variation, probability and theory of errors, theory of sampling, index numbers, logarithmic curves, graphic methods, comparisons, and the elements of linear correlation.

The course is recommended to students of social economy and of economics. No knowledge of mathematics beyond the requirements for matriculation is presupposed.

Dr. Kingsbury offers in each year the following post-major course, open to graduate students:

Organized Effort for Social Betterment.

Two hours a week during the second semester.

A brief survey of the origin, growth, and present methods of the most important social service and social welfare organizations will be presented in order to acquaint the student with the fields of activity in which social work is being carried on: (1) social education, through settlements, civic centres or other neighbourhood organizations; (2) improvements of industrial conditions, through associations for labor legislation, labor organizations, or consumers' efforts; (3) vocational guidance, through vocational advising, through placement, or through adjustment of employment; (4) child welfare, through societies for care and protection of children; (5) family care, through organizations for the reduction and prevention of poverty; (6) social guardianship, through the probation work in the juvenile courts or corrective institutions.

Dr. Marion Parris Smith offers in 1917-18 and again in 1919-20 the following post-major course, open to graduate students:

Economic and Social Legislation in England and America since 1890.

Three hours a week throughout the year.

The first semester is devoted to a review of recent English legislation dealing with trade unions, workmen's compensation, minimum wage, the sweated trades, old age pensions, unemployed, child-welfare, and the land system. In the second semester American legislation on these subjects is reviewed, as well as recent Anti-Trust legislation. Special topics are assigned to students for reports, and attention is given to the use of original source material.

Dr. Marion Parris Smith offers in 1916-17 and again in 1918-19 the following post-major course, open to graduate students:

American Social Problems.

Two hours a week throughout the year.

The object of this course is to trace certain social movements in the United States from 1865 to the present time. Special studies are made in the changes in rural and urban population; immigration, the race problem; the development of city life; the problems of country life; recent developments in education; the care of defectives, and poor relief; problems of food distribution, retail markets. Special topics are assigned to students for reports and attention is given to the use of original source material.

Dr. Marion Parris Smith offers in each year the following major course, open to graduate students:

History of Economic Thought. *Five hours a week during the second semester.*

The object of this course is to give advanced students an historical introduction to modern economic thought as a basis for a critical study of modern economic problems. The successive changes in the theory of value and of distribution since the middle of the eighteenth century are studied with special reference, first, to the philosophical and speculative thought, and second, to the industrial institutions of the times.

The students will be expected to read critically portions of standard texts, including Adam Smith's *Wealth of Nations*; Ricardo's *Principles of Political Economy and Taxation*; Malthus's *Principles of Population*; Senior's *Political Economy*; J. S. Mill's *Principles of Political Economy*; Jevon's *Political Economy*; and selections from the writings of Marshall, Wicksteed, Boehm-Bawerk, Wieser, J. B. Clark, Pantaleoni and others. Numerous short papers in connection with the reading, and one long report on some specially assigned subject are required.

Dr. Fenwick offers in each year the following major course, open to graduate students:

Present Political Problems. *Five hours a week during the first semester.*

The object of this course is to present the chief political problems which have arisen in recent years. The several branches of the federal and state governments are taken up one by one and such questions are discussed as: the influence of the Executive over Congress; the conflict between treaties and legislation; the relation of the administrative departments to Congress; Committee rule in Congress; the growth of judicial power and proposals for restricting it; the courts and social legislation; the initiative, referendum, and recall; Commission government in cities, etc. The course will be preceded by a brief study of modern theories relating to the end and object of the state, with the object of ascertaining the proper sphere of the activities of the state.

Dr. Fenwick offers in each year the following free elective course, open to graduate students:

Elements of Private Law. *One hour a week throughout the year.*

The object of the course is to familiarize the student with the principles and technical terms of those branches of private law with which the ordinary citizen is brought into contact. The subjects covered include Persons and Domestic Relations, Contracts, Torts, Real and Personal Property, and the chief forms of Procedure. The lectures are supplemented by a study and discussion of judicial decisions bearing on the subject.

Dr. Rand offers in each year the following major course, open to graduate students:

Applied Psychology. *Five hours a week during the second semester.*

The specific applications of psychology form the subject matter of this course. An important feature is the application to the work of the clinic. Demonstrations are made of the mental equipment of children of different ages and individual practice is given in mental testing. The applications of psychology to law, medicine, vocational guidance, advertising, etc., are briefly considered. Four hours a week of laboratory work is required from students taking the course. A knowledge of psychology equivalent to that obtained in the minor course is presupposed.

Dr. Ferree and Dr. Rand offer in each year the following minor course:

Experimental Psychology.

Five hours a week during the first semester.

Laboratory Work.

Four hours a week during the first semester.

(Open only to those students who have taken the required course in psychology. May be taken as a free elective.)

The lectures constitute an abbreviated course in systematic psychology in which the historical, critical, and theoretical features of the subjects covered are discussed and the experimental features demonstrated. The laboratory work consists of individual practice in selected topics.

Dr. Theodore de Laguna offers in each year the following major course, open to graduate students:

Elementary Ethics.

Five hours a week during the second semester.

The course comprises an historical and critical introduction to ethics. Particular attention is paid to recent studies in moral evolution and their significance for the question of the objectivity of moral standards. The latter part of the course includes a simple treatment of the general theory of values with illustrations of its applications in ethics, æsthetics and economics.

Dr. Leuba offers in each year the following major course, open to graduate students:

Social Psychology: The Psychology of Group Life and the Origin and the Nature of Magic, Religion, Ethics, Science and Art.

Five hours a week during the first semester.

Psychology has so far been concerned almost exclusively with individuals, human or animal, normal or abnormal. But a crowd, a clique, an industrial trust, do not behave as the individuals composing them would behave if they acted independently. For this reason the study of the laws of social interrelation and of social action has become a separate branch of psychology. The social institutions magic, religion, ethics, science, art, industry, and commerce are the most important forms which social life has assumed in the course of human development.

Dr. Tennent offers in each year the following free elective course, open to graduate students:

Theoretical Biology.

One hour a week throughout the year.

This is an historical course dealing with the development of the theories of biology. The course is open to students who have had one year's training in science. A considerable amount of assigned reading is required.

General Statement.

The courses in Social Economy and Social Research are intended for graduate students who may present a diploma from some college of acknowledged standing. No undergraduate students are admitted although graduate students in the department in addition to the undergraduate courses in econ-

omies and political science may elect, subject to the approval of the Director, undergraduate courses in other subjects.

Pre-requisites.

Students of this department should offer for admission to their graduate work a preliminary course in economics, and more advanced courses equivalent to the Bryn Mawr College major course* in economics, politics, or history, and also preliminary work in psychology† or biology, or should follow such courses while taking the work of the department.

The courses are planned for one, two, and three years, on the principle that about two-thirds of the student's time shall be given to the study of theory and statistics and the remaining one-third to practical investigation and work in her chosen field. One half year may be spent in residence in a social service institution or in connection with a social welfare organization in Philadelphia, or New York, or elsewhere during which time the practical work and special reading and research will be supervised by the Director of the department and the Head of the institution or organization.

Practicum.

The fields from which a subject for the practicum may be chosen are as wide as are the organized activities for social welfare. Advantage has been taken by the department of the very generous interest and co-operation of the Philadelphia social agencies to secure for its students definite affiliations with organizations in the fields chosen by them and a knowledge of the extent and character of such social activities in the city. This has led in the years 1915-17 to an arrangement for co-operative work with the College Settlement, the Criminal Division of the Municipal Court, the Society for Organizing Charity, the Division of Employment of the Bureau of Compulsory Education, the Women's Trade Union League, the Social Service Departments of the University of Pennsylvania Hospital and of the Pennsylvania Hospital, the Bryn Mawr Community Center, the Massachusetts Minimum Wage Commission, the Federal Children's Bureau, the Children's Aid Society, the Juvenile Court, and the Consumers' League.

* In all fully organized departments of Bryn Mawr College there is a course of five hours a week for two years, called a Major Course. Whenever one year of this course is of such a nature that it may be taken separately, it is designated as a Minor Course. Every candidate for the A.B. degree is required to take two such major courses as shall be homogeneous, or shall complete each other, and major courses which fulfill this condition are designated as Groups. The object of these major courses is to enable students to acquire the foundations of a subject.

† The importance of psychology may make it necessary to advise students without adequate preparation in this subject to take certain psychological courses as a part of their required work. In some fields of work laboratory courses should be included in the preparation.

Graduates of colleges other than Bryn Mawr College with the preparation specified above who are able to study for one year only will receive diplomas certifying to the work they have taken. As the degree of Master of Arts is conferred only on graduates of Bryn Mawr College it is hoped that this diploma will in many cases be accepted for the master's degree in the colleges and universities from which students have received their bachelor's degree. Graduates of Bryn Mawr College may receive the degree of Master of Arts in Social Economy and Social Research under the conditions prescribed for this degree.*

Graduate students that have completed the above preliminary work in Economics and Political Science, or its equivalent, who are able to study for two years only will receive a diploma certifying to the work they have taken in the Graduate Department of Social Economy and Social Research.

The degree of Doctor of Philosophy in Social Economy and Social Research is open to graduates of all colleges of high standing under the conditions prescribed for this degree in Bryn Mawr College.†

Graduates of Bryn Mawr College, and graduates of other colleges who shall have satisfied the Academic Council that the course of study for which they have received a degree is equivalent to that for which the degree of Bachelor of Arts is given by Bryn Mawr College, or who shall have attended such additional courses of lectures as may be prescribed, may apply to the Academic Council to be enrolled as candidates for the degree of Doctor of Philosophy; admission to the graduate school does not in itself qualify a student to become a candidate for this degree.

Candidates for the degree of Doctor of Philosophy in Social Economy and Social Research may select the associated or independent minor from the foregoing seminaries and graduate courses and from other graduate seminaries or courses, subject to the approval of the Graduate Committee.

* For requirements for the degree of Master of Arts, see Bryn Mawr College Calendar, Graduate Courses, 1917, page 64.

† For requirements for the degree of Doctor of Philosophy, see Bryn Mawr College Calendar, Graduate Courses, 1917, pages 64-66.

The Appointment Bureau of Bryn Mawr College is under the direct supervision of the dean of the College and co-operates with the Carola Woerishoffer department in recommending to social agencies and institutions women trained in this department.

Fellowships and Scholarships.

Resident Graduate Fellowships.

The most distinguished place among graduate students is held by the fellows and graduate scholars, who must reside in the college during the academic year. Fellowships and scholarships available in the department of social economy are as follows:

The President M. Carey Thomas European Fellowship of the value of \$500 was founded in 1896 by Miss Mary E. Garrett of Baltimore and is awarded annually on the ground of excellence in scholarship to a student in any department in her first year of graduate work at Bryn Mawr College. The fellowship is intended to defray the expenses of one year's study and residence at some foreign university, English or Continental. The choice of a university may be determined by the holder's own preference, subject to the approval of the Faculty.

The Mary E. Garrett European Fellowship of the value of \$500 was founded in 1894 by Miss Mary E. Garrett of Baltimore and is awarded annually on the ground of excellence in scholarship to a student in any department still in residence who has for two years pursued graduate studies at Bryn Mawr College. The fellowship is intended to defray the expenses of one year's study and residence at some foreign university, English or Continental. The choice of a university may be determined by the holder's own preference, subject to the approval of the Faculty.

Two Carola Woerishoffer Memorial Fellowships in Social Economy and Social Research are awarded annually on the ground of excellence in scholarship to candidates who have completed at least one year of graduate work at some college of good standing after obtaining their first degree.

A resident College Settlements Association joint fellowship is offered for 1917-18 by the College Settlements Association

together with independent Bryn Mawr College alumnae to a Bryn Mawr College graduate who wishes to prepare herself for settlement work. The value of the fellowship is \$525, \$125 of which is given by the College to meet the tuition fee. The holder of the fellowship is required to live in the College Settlement in Philadelphia and to give her entire time to the work of the Department of Social Economy, the practicum, carried on in the Settlement under the direction of the head worker and the director of the department, occupying one-third of her time. Applications may be sent either to Miss Helen F. Greene, 80 Pinckney Street, Boston, Massachusetts, or to the President of the College.

The fellowships are intended as an honour, and are awarded in recognition of previous attainments; generally speaking, they will be awarded to the candidates that have studied longest or to those whose work gives most promise of future success. All fellows may study for the degree of Doctor of Philosophy, the fellowship being counted, for this purpose, as equivalent to the degree of Bachelor of Arts. Fellows that continue their studies at the college after the expiration of the fellowship, may, by a vote of the directors, receive the rank of Fellows by Courtesy.

Fellows are expected to attend all college functions, to wear academic dress, to assist in the conduct of examinations, and to give about an hour a week to the care of special libraries in the halls of residence and in the seminaries, but no such service may be required of them except by a written request from the president's office; they are not permitted while holding the fellowship to teach, or to undertake any other duties in addition to their college work. They are expected to uphold the college standards of scholarship and conduct and to give loyal support to the Students' Association for Self-Government. They are required to reside in the college and are assigned rooms by the Secretary of the College. They are charged the usual fee of four hundred and five dollars for tuition, board, room-rent, and infirmary care.

*Duties of
Resident
Fellows.*

The holder of a fellowship is expected to devote at least one half her time to the department in which the fellowship is awarded, and to show by the presentation of a thesis or in some other manner that her studies have not been without result.

Several Graduate Scholarships, of the value of \$200 each, may be awarded to candidates next in merit to the successful candidates for the fellowships; they are open for competition

*Resident
Graduate
Scholarships.*

to graduates of Bryn Mawr College, or of any other college of good standing.

The Susan B. Anthony Memorial Scholarship in Politics and Industry, of the value of \$400, was founded in 1910, and is awarded to the candidate wishing to devote herself to studies dealing with the position of women in politics and industry, whose work shows most promise of future success.

The Robert G. Valentine Memorial Scholarship in Social Economy and Social Research of the value of \$200 is offered in 1917-18 by Mrs. Frank W. Hallowell, of Chestnut Hill, Massachusetts, to be awarded by the Faculty of Bryn Mawr College on the nomination of the Director of the Carola Woerishoffer Department of Social Economy and Social Research, with the approval of the donor.

Opportunity is offered by the College Settlement of Philadelphia for two graduate students to reside at the settlement, paying a minimum rate for board, to take at least six hours of practice work at the settlement, and to pursue courses in the Carola Woerishoffer Department. Applications must be made by June 1, 1917, to the Director of the Department.

*Duties of
Resident
Scholars.*

Scholars are expected to reside in the college, to attend all college functions, to wear academic dress and to assist in the conduct of examinations. It is understood that they will uphold the college standards of scholarship and conduct and give loyal support to the Students' Association for Self-Government.

*Applications
for Resident
Fellowships
and
Scholarships.*

Application for resident fellowships or scholarships should be made to the President of the College on a form obtained from the President's office, as early as possible, and not later than the first of April preceding the academic year for which the fellowship or scholarship is desired. A definite answer will be given within two weeks from the latest date set for receiving applications. Any original papers, printed or in manuscript, which have been prepared by the applicant and sent in support of her application will be returned when stamps for that purpose are enclosed, or specific directions for return by express are given. Letters or testimonials will be filed for reference.

For graduate students attending six or more hours a week of lectures, and for fellows and graduate scholars the tuition fee is one hundred and twenty-five dollars a year, payable half-yearly in advance. For other graduate students* who do not wish to devote all their time to graduate work the fees are as follows, payable in advance: for one hour a week of lectures, ten dollars a semester; for two hours a week of lectures, twenty dollars a semester; for three hours a week of lectures, thirty dollars a semester; and for four or five hours a week of lectures, forty dollars a semester.† This arrangement is made especially for non-resident graduate students, but those who wish to take five hours a week of lectures or less may live in the college halls on the understanding that they must give up their rooms if needed for students who are taking the full amount of graduate work and paying the regular tuition fee. The tuition fee for the semester becomes due as soon as the student is registered in the college office. No reduction of this fee can be made on account of absence, dismissal during the currency of the semester, term, or year covered by the fee in question, or for any other reason whatsoever. Graduate students are admitted to residence or to attendance on lectures at any time during the year, and in this case a proportionate reduction is made in the charges for board and room-rent and for tuition.

*Tuition for
Graduate
Students.*

Graduate students taking courses in the department of Social Economy and Social Research are charged a laboratory fee of \$5 a semester and may also be required to provide themselves with two 50 trip tickets between Bryn Mawr and Philadelphia costing \$13.90. Any extra expenses for train fares or car fares or other charges in connection with the work required by the department will be defrayed by the department.

*Laboratory
Fees.*

Residence in the college buildings is optional except for holders of resident fellowships and scholarships. In each hall of residence, except Merion Hall, a special wing or corridor is reserved for graduate students, and in order to secure entire quiet no undergraduate students are permitted to engage rooms in the graduate wings. The expense of board and residence in the graduate wings of the college halls is two hundred and seventy-five dollars. Of this amount two hundred and twenty-five dollars is the charge for board, and is payable half-yearly in advance; the remainder is room-rent, and is payable yearly in advance. Every student has a separate bed-

*Residence for
Graduate
Students.*

* Doctors of Philosophy of Bryn Mawr College may attend lectures or work in the laboratories without payment of any fee except for material used in the laboratory.

† The fees charged are reckoned on the basis of the actual hours of conference or lecture, irrespective of the number of undergraduate hours to which the course is regarded as equivalent.

In counting the number of hours for which a graduate student is registered the following special arrangements are made in regard to laboratory courses: payment for a one-hour lecture course in a scientific department entitles the student to four hours of laboratory work in addition with no extra charge except the laboratory fee. Students registered for laboratory work only, are charged the following tuition fee: for each two and one-half hours of undergraduate laboratory course and for each five hours of graduate laboratory course the same fee as for a one hour lecture course. The laboratory fee as stated above are charged in addition to the charge for tuition.

room. Room-rent includes all expenses of furnishing, service, heating, and light.*

A deposit of fifteen dollars is required from each graduate student, fellow, or scholar who desires to reserve a room in a hall of residence. The amount of this deposit will be deducted from the rent if the room is occupied by the student; it will be refunded if the student gives formal notice to the Secretary of the College before the fifteenth of July preceding the academic year for which the application is made that she wishes to withdraw her application. If for any reason whatever the change or withdrawal be made later than July fifteenth, the deposit will be forfeited to the College.

*Summary of
Expenses for
Graduate
Students.*

For graduate students the fees are as follows:

Tuition for the semester, payable on registration:	
For one hour† a week of lectures.....	\$ 10.00
For two hours a week of lectures.....	\$ 20.00
For three hours a week of lectures.....	\$ 30.00
For four or five hours a week of lectures.....	\$ 40.00
For six or more hours a week of lectures.....	\$ 62.50
Room-rent for the academic year, payable on registration.....	\$ 50.00
Board for the semester, payable on registration.....	\$112.50
Total expenses for the academic year:	
Tuition fee, six or more hours a week of lectures.....	\$125.00
Room-rent.....	\$ 50.00
Board.....	\$225.00
Infirmary fee.....	\$ 5.00
Total for tuition, residence, and infirmary care for the academic year.....	
\$405.00	
Laboratory fees and railway transportation between Philadelphia and Bryn	
Mawr for the academic year.....	
\$10 to \$23.90	

Students whose fees are not paid by November first in the first semester or by March first in the second semester are not permitted to continue in residence or in attendance on their classes.

* Rugs and towels must be furnished by the students themselves. Graduate students will, upon request, be supplied with rugs.

† See footnote, page 31.

GRADUATE STUDENTS IN THE DEPARTMENT OF SOCIAL
ECONOMY AND SOCIAL RESEARCH, 1915-17.

ANNA HAINES BROWN,

1916-17, *History and Social Economy and Social Research.*

Philadelphia. A.B., Bryn Mawr College, 1915, and A.M., 1916.

ELSA MAY BUTLER,

1915-16, *Carola Woerishoffer Fellow in Social Economy and Social Research, and Psychology.*

St. Louis, Mo. A.B., Vassar College, 1905, and A.M., Washington University, 1914. Teacher in the High School, Neligh, Neb., 1905-06; in Akeley Hall, Grand Haven, Mich., 1906-08, and in Hasmer Hall, St. Louis, Mo., 1908-12. Assistant Head Worker of the Social Service Department of St. Louis Children's Hospital, 1912-15. Head Worker, Social Department, Hahnemann Hospital, Philadelphia; 1916—.

AGNES MARY HADDEN BYRNES,

1916-17, *Susan B. Anthony Memorial Scholar. Social Economy and Social Research and Politics and Philosophy.*

Evanston, Ill. A.B., Northwestern University, 1915; A.M., Columbia University, 1916. Superintendent of the Money Order Department of the Post Office, Evanston, Ill., 1911-15.

ALICE SQUIRES CHEYNEY,

1915-16, *Social Economy and Social Research and Psychology.*

Philadelphia. A.B., Vassar College, 1909. Philadelphia Training Course for Social Workers, 1909-10; Graduate Student, University of Pennsylvania, 1910-11; Graduate Student University of Wisconsin, 1916—.

HELEN GENEVIEVE FULLER,

1915-17, *Carola Woerishoffer Scholar in Social Economy and Social Research, and Politics and Economics.*

Practicum: (1) Society for Organizing Charity, Philadelphia, under Miss Betsey Libbey; (2) Massachusetts Minimum Wage Commission, under Miss Nathalie Matthews.

Amesbury, Mass. A.B., Mount Holyoke College, 1915.

HELEN RUTH HIBBARD,

1916-17, *Carola Woerishoffer Scholar in Social Economy and Social Research.*

Practicum: (1) Social Service Department, Pennsylvania Hospital, under Mrs. Magee; (2) Bryn Mawr Community Center, under Miss H. W. Smith.

New Haven, Conn. B.A., Wellesley College, 1894, and Graduate Student, 1915-16. Miss William's School, Worcester, Mass., 1894-95; Monson Academy, Mass., 1895-99; Hillside School, Norwalk, Conn., 1900-01.

MILDRED CLARK JACOBS,

1916 and 1916-17, *Carola Woerishoffer Scholar in Social Economy and Social Research, and Psychology.*

Practicum: Society for Organizing Charity, Philadelphia, under Miss Betsey Libbey.

Philadelphia. A.B., Bryn Mawr College, 1916.

ADRIENNE KENYON,

1916-17, *Carola Woerishoffer Scholar in Social Economy and Social Research and College Settlement Association Joint Fellow.*

Practicum: Philadelphia College Settlement, under Miss Anna Davies.

New York City. A.B., Bryn Mawr College, 1915. Columbia University Special Student, October, 1915 to January, 1916.

MARY FRANCES NEARING,

1915-16, *Social Economy and Social Research*.

Philadelphia. A.B., Bryn Mawr College, 1909. Teacher of English in St. Margaret's School, Waterbury, Conn., 1910-11; Secretary and Athletic Director, Miss Walker's School, Lakewood, N. J., 1911-13; Social Service Worker, Philadelphia, 1913-14; Warden of Rockefeller Hall, 1914—.

INEZ MAY NETERER,

1916-17, *Carola Woerishoffer Scholar in Social Economy and Social Research*.

Practicum: Philadelphia Children's Bureau, under Mr. Byall.

Seattle, Wash. B.S., Mill's College, 1916. Student, University of Washington, summer session, 1914.

HAZEL GRANT ORMSBEE,

1915-16, *Carola Woerishoffer Scholar in Social Economy and Social Research, and Psychology*.

1916-17, *Carola Woerishoffer Fellow in Social Economy and Social Research, and Psychology*.

Practicum: Bureau of Compulsory Education, Philadelphia, under Mr. Henry Giddeon.

Ithaca, N. Y. A.B., Cornell University, 1915.

FRANCES HOWARD TETLOW,

1915-16, *Social Economy and Social Research and Politics*.

Practicum: Philadelphia Women's Trade Union League, under Miss Florence Sanville.

Boston, Mass. A.B., Radcliffe College, 1908. Teacher of English of English Composition in the Winsor School, Boston, 1909-15; Graduate Student University of Wisconsin, 1916—.

AMEY EATON WATSON,*

1915-17, *Social Economy and Social Research, Psychology, and Education*.

Haverford, Pa. A.B., Women's College in Brown University, 1907; A.M., University of Pennsylvania, 1910. Teacher in Miss Wheeler's School, Providence, R. I., 1907-08; Instructor in the Department of Social Science, University of Utah, 1912.

DOROTHY VIVIAN WESTON,

1915-16, *Carola Woerishoffer Scholar in Social Economy and Social Research and College Settlements Association Joint Fellow*.

Practicum: Philadelphia College Settlement, under Miss Anna Davies.

New York City. A.B., Bryn Mawr College, 1914; Resident, College Settlement of New York City, 1914-15. Assistant Head Worker, Jan Hus Neighbourhood House, New York City, 1916—.

* Mrs. Frank D. Watson.



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